

| Form PTO-1449<br>INFORMATION DISCLOSURE STATEMENT   |   | Docket No.:<br>H 4163 PCT/US | Serial No.:<br>10/018,711                  |       |           |                        |
|---|---|------------------------------|--|-------|-----------|------------------------|
|   |   | Applicant:<br>Sander et al.  |  |       |           |                        |
|   |   | Filing Date:<br>04/02/02     | Group:<br>1751                             |       |           |                        |
| U.S. PATENT DOCUMENTS   |   |                              |  |       |           |                        |
| Examiner Initials*  | Document Number   | Date                         | Name                                       | Class | Sub-class | Filing Date if Approp. |
| <i>eh</i>   | 5,718,891   | 02/17/98                     | Prat et al.                                | —     | —         |                        |
| <i>cr</i>   | 5,945,299   | 08/31/99                     | von Kries et al.                           | —     | —         |                        |
| <i>er</i>   | 4,172,887   | 10/30/79                     | Vanlerberghe et al.                        | —     | —         |                        |
| <i>er</i>   | 5,753,606   | 05/19/98                     | Hees et al.                                | —     | —         |                        |
| <i>er</i>   | 5,279,313   | 01/18/94                     | Clausen et al.                             | —     | —         |                        |
| FOREIGN PATENT DOCUMENTS  |   |                              |  |       |           |                        |
| Examiner Initials*  | Document Number   | Date                         | Country                                    | Class | Sub-class | Translation Yes No     |
| <i>ag</i>   | DE 3914131  | 10/31/90                     | Germany (abstract)                         | —     | —         |                        |
| <i>er</i>   | WO 91/01295   | 02/07/91                     | PCT (abstract)                             | —     | —         |                        |
| <i>er</i>   | DE 43 08 794  | 04/21/94                     | Germany (abstract)(Equiv. to US 5,718,891) | —     | —         |                        |
| <i>er</i>   | DE 195 02 167   | 02/06/97                     | Germany (abstract)                         | —     | —         |                        |
| <i>er</i>   | DE 195 02 168   | 06/27/96                     | Germany (abstract)(equiv. to US 5,945,299) | —     | —         |                        |
| <i>er</i>   | FR 2 252 840  | 12/08/78                     | France (abstract)(equiv. to US 4,172,887)  | —     | —         |                        |
| <i>er</i>   | DE 197 32 015   | 07/23/98                     | Germany (abstract)                         | —     | —         |                        |
| <i>er</i>   | WO 00/76465   | 12/21/00                     | PCT  | —     | —         |                        |
| <i>er</i>   | GB 2 242 358  | 10/02/91                     | Great Britain                              | —     | —         |                        |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Volume-Issue No., Publisher, City where published) |   |                              |  |       |           |                        |
| <i>er</i>   | R.Puchta et al., "A New Generation of Softener", pp. 186-191, vol. 30, Tenside Surf. Det., Carl Hanser Verlag, Munchen, (1993)                                      |                              |  |       |           |                        |
| <i>er</i>   | M. Brock, "Neue Entwicklungen auf dem Gebiet der Waschweichspuler", pp. 394-398, vol. 30, Tenside Surf. Det., Carl Hanser Verlag, Munchen, (1993)                   |                              |  |       |           |                        |
| <i>er</i>   | R. Lagerman et al., "Synthesis and Performance of Ester Quaternary Biodegradable Softeners", pp 97 - 100, vol. 71, No. 1, J.Am.Oil.Chem.Soc., (1994)                |                              |  |       |           |                        |
| <i>er</i>   | I.Shapiro et al., "Environmentally Friendly Ester Quats", pp. 77-78,80, vol. 109, Cosmetics & Toiletries, Allured Publishing Corporation, (1994)                    |                              |  |       |           |                        |
| <i>er</i>   | G.Schuster et al., "Fette und Öle Tenside Waschmittel", pp. 177 - 184, vol. 108, Seifen Öle Fette Wachse, (1982)  |                              |  |       |           |                        |
| <i>er</i>   | G.Schuster et. al, "Protein Chemistry as Related to Cosmetics and Toiletries", pp. 63 - 74, vol. 99, Cosmetics & Toiletries, Allured Publishing Corporation, (1994) |                              |  |       |           |                        |
| <i>er</i>   | H.W. Steisslinger, "Kollagen-Hydrolysate",pp. 556, 557, 560, 561, 565, 566, vol. 72, Parf.Kosm., Jahrgang,Nr., (1991)   |                              |  |       |           |                        |
| <i>er</i>   | F.Aurich et al., "Enzymatisch hergestellte Proteinhydrolysate", pp. 389 - 395, vol. 29, Tenside Surf. Det., Carl Hanser Verlag, Munchen, (1992)                     |                              |  |       |           |                        |
| <i>er</i>   | J. Falbe, "Surfactants in Consumer Products", pp. 54 -124, Springer Verlag, Berlin, (1987)  |                              |  |       |           |                        |
| <i>er</i>   | J. Falbe, "Katalysatoren, Tenside und Mineralöladditive", pp. 123 - 217, Thieme Verlag, Stuttgart, (1978)   |                              |  |       |           |                        |
| <i>er</i>   | Todd et al., "Volatile silicon fluids for cosmetic formulations", pp. 29-32, vol. 91, Cosmetics & Toiletries, (1976)  |                              |  |       |           |                        |
| <i>er</i>   | Dritte, "Kosmetische Farbemittel", pp. 81-106, Farbstoffkomission der Deutschen Forschungsgemeinschaft, Verlag Chemie, Weinheim, (1984)                             |                              |  |       |           |                        |
| <i>er</i>   | Wortmann et al., "Characterizing Keratins Using High-Pressure Differential Scanning Calorimetry", pp. 137-150, vol. 48, Journal of Applied Polymer Science, (1993)  |                              |  |       |           |                        |
| Examiner  | <i>Esa Cullc</i>  | Date Considered              | (2/29/03)                                  |       |           |                        |

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